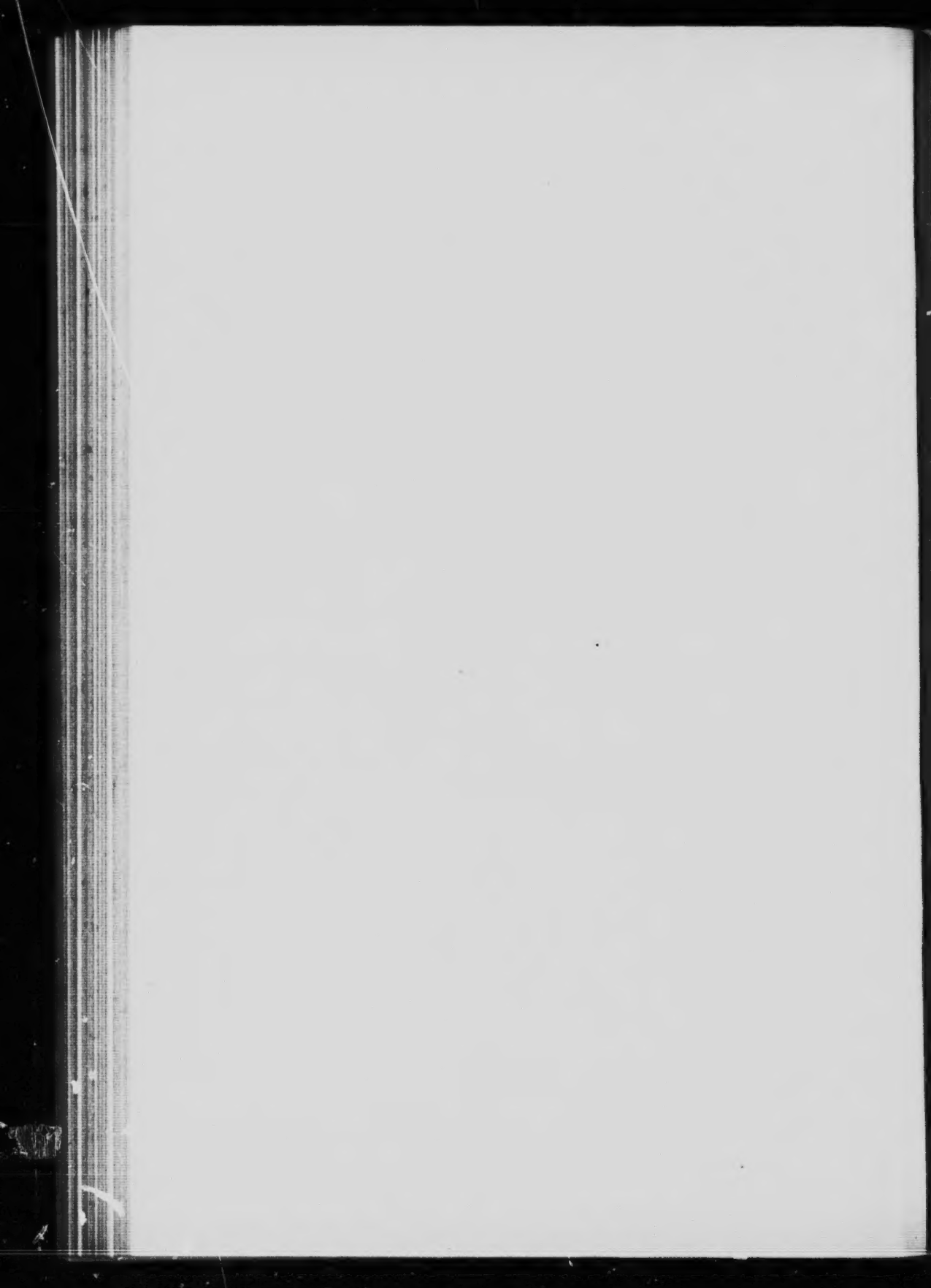




LABORATORY
OF THE
INLAND REVENUE DEPARTMENT

OTTAWA, CANADA.

BULLETIN No. 258

MAPLE SUCAR

ERRATUM :

Referring to Bulletin No. ²⁵³~~252~~, page 17, sample No. 48162, the word "Pimento" should be deleted.

The starch present is that of "Mother of Cloves," or ripe Cloves ; this starch is present in traces only, and the sample is genuine.

A. MCGILL.
Chief Analyst.

LABORATORY
OF THE
INLAND REVENUE DEPARTMENT
OTTAWA, CANADA.

BULLETIN No. 258

MAPLE SUGAR

OTTAWA, June 4, 1913.

WM. HIMSWORTH, Esq.,
Acting Deputy Minister,
Inland Revenue.

SIR,—I beg to hand you a report dealing with eighty-three (83) samples purchased by our inspectors as Maple Sugar in December and January last. Forty-seven (47) samples appear to be genuine, as judged by the standards legalized under Order in Council of October 27, 1911, and published as G. 994.

The remaining thirty-six samples must be regarded as adulterated or at least as doubtful. Two samples (Nos. 51651, 49820), I have judged as doubtful, on account of the analytical numbers coming very near the minima required by the standards; but the last named has since been acknowledged to be compound.

Many of the vendors have written me, since the collection was made, conceding that they knew the article offered as Maple Sugar to be a compound, and saying either that they sold it as such; or that they assumed the purchaser to be aware of the character of the article offered. Our inspectors' invoices and reports show all samples to have been received in answer to a demand for Maple Sugar.

Several samples are called by the manufacturers Maple Cream Sugar, and are invoiced as such to the retailer, who however sells them as Maple Sugar. A glance at the results of analysis of these samples (see Nos. 41509, 51510, 47926) show that they contain no more water than hard sugar, and cannot be regarded in any sense as Creams. Nor do they contain milk fat. The introduction of the word 'Cream' into the name cannot therefore be considered as justified.

There is a substance to be found on the market, commonly known as 'Maple Cream.' This is a soft sugar of the consistence of cream, and is an intermediate product between Maple Sugar and Maple Sugar. The article offered as 'Maple Cream Sugar' in no way resembles it, and must be held to be a sugar. If the word 'Cream' has any meaning at all in this connection, it can only be intended to call attention to the superiority of the article, as cream is superior to milk. Regarded in this light, it can only be held as an attempt to deceive the purchaser.

Another manufacturer claims that his product is not sold as Maple Sugar, but as M.S. Cakes. The same judgment must be passed upon this article.

As already stated in many previous reports, a mixture of ordinary sugar with Maple Sugar is a very palatable article, and no ground for complaint can be found for its appearance on the market. But it should be, and must be, plainly declared to be a mixture, or otherwise described in such a way as to prevent deception of buyers.

I beg to recommend publication of this report as Bulletin No. 258.

I have the honour to be, Sir,
Your Obedient Servant,

A. MCGILL,
Chief Analyst.

BULLETIN No. 258--

Date of Collection.	Nature of Sample.	No. of Sample.	Name and Address of Vendor.	Cost.		Name and Address of Manufacturer or Furnisher, as given by the Vendor.		Inspector's Report. (Is not an expression of Opinion).
				Quantity.	Cents.	Manufacturer.	Furnisher.	

DISTRICT OF NOVA SCOTIA--

1913.								
Jan. 23	Maple Sugar.	46681	Ryan Bros., Truro, N.S.	1 lb. ..	20	M. Ross, Springhill, N.S.	Mfr.....	
" 23	"	46682	R. T. Craig & Co., Truro, N.S.	1 " ..	20	"	"	

DISTRICT OF PRINCE EDWARD ISLAND--

Jan. 10	Maple Sugar.	46344	Auld Bros., Charlottetown, P.E.I.	1 lb. ..	15	Sugars & Cannerns. Ltd., Montreal.		Twin Bar
" 10	"	46345	"	1 " ..	15	Ramsey's Ltd., Montreal.		"
" 10	"	46346	Carvell Bros., Ch. Town, P.E.I.	1 " ..	15	Sugars & Cannerns. Ltd., Montreal.		Guaranteed pure maple and nothing else.
" 14	"	46347	A. Bowness, Kensington, P.E.I.	1 " ..	20	"		Twin Bar
" 14	"	46338	J. A. Hynes, Kensington, P.E.I.	1 " ..	20	"		"
" 14	"	46349	J. A. Leslie, Kensington, P.E.I.	1 " ..	20		Carvell Bros., Ch. Town, P.E.I.	"

DISTRICT OF NEW BRUNSWICK--

1912.								
Dec. 19	Maple Sugar.	50520	Pidgeon & Co., St. John, N.B.	1 lb. ..	16	H. S. Goddard, Elgin, N.B.		
" 21	"	50521	Ben. Robertson, St. John, N.B.	1 " ..	16		Keith & Co., St. John, N.B.	Product of Albert Co., N.B.
" 21	"	50522	Chas. F. Tilton, St. John, N.B.	1 " ..	20	Unknown.	Unknown.....	Vendor would not guarantee purity.
" 23	"	50523	N. C. Scott, St. John, N.B.	1 " ..	10	"	"	"
1913.								
Jan. 7	"	50524	Geo. Dunphy, St. Fredericton, N.S.	1 " ..	15	Ed. Parent, Upper Queensbury, N.B.		
" 7	"	50525	Currie Bros., Fredericton, N.S.	1 " ..	15	M. Hagerman, Bear Island, N.B.		
" 9	"	50526	B. H. Smith & Sons, Woodstock N.S.	1 " ..	25	Rowell Son & Co., Sherbrooke, P.Q.		
" 15	"	50527	Sussex Mercantile Co., Ltd., Sussex, N.B.	1 " ..	20	A. Parlee, Watford, N.S.		
" 15	"	50528	S. L. Stockton, Petitcodiac, N.B.	1 " ..	22	Unknown ...	Unknown.....	
" 15	"	50529	H. W. Church & Co., Petitcodiac, N.B.	1 " ..	15	"	"	

Date of Collection	Nature of Sample.	No. of Sample.	Name and Address of Vendor.	Cost.		Name and Address of Manufacturer or Furnisher as given by the Vendor.		Inspector's Report. (Is not an expression of opinion).
				Quantity.	Cents.	Manufacturer.	Furnisher.	

DISTRICT OF QUEBEC—

1912.								
Dec. 23	Maple Sugar.	37108	Elzear Gagnon, 135 Rue D'Orchester, Quebec.	1 lb.	12	Unknown	Unknown	
" 23	"	37109	J. D. Marier, 136 Rue D'Orchester, Quebec.	1 "	14	"	"	
" 23	"	37110	Boulet & Lamontagne, 105 Rue D'Orchester, Quebec.	2 "	28	Cecaire Fillion, Chat. Richer.	Mfr.	
" 26	"	37111	Jos. Goslin, 50 Rue D'Orchester, Quebec.	1 "	20	Eubert Mitchell, St. Féréole.	"	
" 26	"	37112	Ed. Verreault, 204 Rue de la Reine, Quebec.	2 "	27	C. Premont, Chat. Richer.	"	
" 26	"	37113	A. Cloutier, 132 Rue Laliberté, Quebec.	1 "	12	Unknown	T. B. E. Lezeller, Quebec.	
" 27	"	37114	W. Haifield, 60 Rue St. Marguerite, Quebec.	1 "	16	Celestin Beau-rivage, St. Michel.	Mfr.	
" 27	"	37115	A. L'Yonnais, 51 Rue du Pont, Quebec.	1 1/2 "	20	Clish Preserv. Co., Joliette Co.	Mfrs.	
1913.								
Jan. 3	"	37116	L. Desgagne, 914 Rue St. Valier, Quebec.	3 "	45	J. Boilard, St. Catherine.	G. E. Hamel, 45 Ave. Parent, Co. Portneuf.	
" 3	"	37117	Cantin Frere, 271 Rue St. Joseph, Quebec.	1 1/4 "	17	J. D. Pare, St. Raymond.	" "	

DISTRICT OF EASTERN QUEBEC—

1912.								
Dec. 26	Maple Sugar.	53311	T. Theriant, Fraser-ville.	1 "	20	Unknown	Unknown	

DISTRICT OF EASTERN TOWNSHIPS—

1913.								
Jan. 28	Maple Sugar.	51141	Dean & Lacey, Sherbrooke.	1 "	20			
" 28	"	51142	Bernard & Cie, Sherbrooke.	1 "	15			
" 28	"	51143	D. M. Stenson, Sherbrooke.	1 "	15		Vallelandry et frere, Danville, P.Q.	

MAPLE SUGAR.

Results of Analysis.								No. of Sample.	Remarks and Opinion of the Chief Analyst.
Water.	Solids.	Lead Number, Canadian.	Calculated to Water Free Basis.						
			Total Ash.	Water Sol- uble Ash.	Insoluble Ash.	Water Sol. Ash	Malic Acid Value.		
						Insol. Ash.			

F. X. W. E. BELAND, INSPECTOR.

p.c.	p.c.		p.c.	p.c.	p.c.	p.c.	p.c.		
4.16	95.84	4.36						37108	Genuine
3.48	96.52	5.32						37109	"
7.06	92.94	4.43						37110	"
2.10	97.90	4.51						37111	"
3.46	96.52	5.90						37112	"
1.64	98.36	0.07	0.00	0.06	0.03	2.00	None	37113	Adulterated.
6.44	94.56	3.91						37114	Genuine.
1.46	98.52	0.04	0.07	0.07	None		0.03	37115	Adulterated. Manufacturer's invoice states "Specialites Composees".
3.44	96.56	6.00						37116	Genuine.
1.56	98.44	7.32						37117	"

A. PELLETIER, INSPECTOR.

0.52	99.48	5.50						53311	Genuine.
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J. J. COSTIGAN, ACTING INSPECTOR.

4.96	95.04	4.88						51141	Genuine.
0.80	99.20	4.73						51142	"
72	99.28	4.13						51143	"

Date of Collection.	Nature of Sample.	No. of Sample.	Name and Address of Vendor.	Cost.		Name and Address of Manufacturer or Furnisher, as given by the Vendor.		Inspector's Report. (Is not an expression of Opinion).
				Quantity.	Cents.	Manufacturer.	Furnisher.	

DISTRICT OF EASTERN TOWNSHIPS—

1913.								
Jan. 28	Maple Sugar.	51144	Lemay et Fissette, Sherbrooke.	1½ lb	23			
" 28	"	51145	Herbert et Fortier, Sherbrooke.	1 "	14		J. T. Armstrong, Sherbrooke, P.Q.	
" 29	"	51146	Woodman & McKee, Coaticook.	1 "	15			
" 29	"	51147	B. J. Smith & Son, Coaticook.	1 "	12			
" 29	"	51148	Lovell Bros., Coaticook.	1 "	12			
" 29	"	51149	D. S. Bachaud, Coaticook.	1 "	8			
" 30	"	51150	L. Lafrance, Danville, P.Q.	1 "	12			

DISTRICT OF MONTREAL—

Jan. 13	Maple Sugar.	51111	M. Galler, 1137 St. Lawrence Blvd., Montreal.	1 blk.	15		S. Zeidler, 765 Cadioux St.	
" 17	"	51112	J. D. Boileau, 54 Bonsecours St., Montreal.	1 "	28			
" 17	"	51113	L. Rochon, 524 La-gauchetiere St., E., Montreal.	1 "	12			
" 17	"	51114	"	1 "	10			
" 17	"	51115	H. Lagace, 252 Amherst St., Montreal.	1 "	25			
" 17	"	51116	R. Desautels, 441 Ontario St., E., Montreal.	1 "	15	Ramsay Bros.	Guerin, Langlois & Cie.	
" 17	"	51117	C. Guay & Co., 313 Ontario St., E., Montreal.	1 "	15	"	"	
" 17	"	51118	S. Dever & Son, 107 Colonial Ave., Montreal.	1 "	15			
" 18	"	51119	J. E. Courtemanche, 24 Rachael St., E., Montreal.	1 "	13		V. Charbonneau, 510 rue Panet.	
" 18	"	51120	Geo. Ouellette, 209 De Montigny E., Montreal.	1 "	10	A. Raymond, Montreal.		

MAPLE SUGAR.

Results of Analysis.								No. of Sample.	Remarks and Opinion of the Chief Analyst.
Water.	Solids.	Calculated to Water Free Basis.							
		Lead Number, Canadian.	Total Ash.	Water Soluble Ash.	Insoluble Ash.	Water Sol. Ash	Malic Acid Value.		
						Insol. Ash.			

Concluded.

p.c.	p.c.		p.c.	p.c.	p.c.	p.c.	p.c.		
5.80	94.20	3.54						51144	Genuine.
0.40	99.60	4.41						51145	"
2.20	97.80	3.35						51146	"
5.40	94.60	4.65						51147	"
2.36	97.64	2.99						51148	"
3.04	96.96	2.20						51149	"
2.66	97.34	0.08	0.12	0.09	0.03	3.00	0.16	51150	Adulterated. Vendor says was bought by him and sold as compound.

J. J. COSTIGAN, INSPECTOR.

0.56	99.44	0.70	0.44	0.25	0.19	1.30	0.02	51111	Adulterated. Wholesaler furnished a warrant of purity to vendor.
2.24	97.76	5.11						51112	Genuine.
5.34	94.66	0.04	0.21	0.17	0.04	4.25	0.03	51113	Adulterated.
3.88	96.12	0.04	0.19	0.14	0.05	2.80	0.04	51114	"
5.00	95.00	4.04						51115	Genuine.
3.02	96.98	0.40	0.33	0.20	0.13	1.53	0.06	51116	Adulterated. Was sold to vendor as pure.
3.04	96.96	1.16	0.42	0.24	0.18	1.33	0.09	51117	Adulterated. Sold as having been re-melted, but pure.
2.50	97.50	4.40						51118	Genuine.
4.34	95.66	0.04	0.04				0.09	51119	Adulterated.
5.60	94.40	0.04	0.32	0.19	0.13	1.46	0.34	51120	Adulterated. A. Raymond later told vendor that the sugar was compound.

BULLETIN No. 258—

Date of Collection.	Nature of Sample.	No. of Sample.	Name and Address of Vendor.	Cost.		Name and Address Manufacturer or Furnisher as given by the Vendor.		Inspector's Report. (Is not an expression of opinion).
				Quantity.	Cents.	Manufacturer.	Furnisher.	

DISTRICT OF OTTAWA—

1912.								
Dec. 23	Maple Sugar.	51647	L. M. Davison, Kemptville.	1 cake	10	Unknown.	Abbot Grant & Co., Ltd., Brockville.	Sold as Maple Sugar.
" 26	"	51648	W. J. Martin, Buckingham.	1	10	Sugars & Cannery, Ltd., Montreal.		Twin Blocks Pure Maple Sugar.
" 26	"	51649	P. Lamoureux & Cie, Dalhousie St., Ottawa.	1	38	Unknown.	Provost & Alard, Ottawa	
" 26	"	51650	A. E. Rea & Co., Ltd., Ottawa.	3	15	M. F. Goddard, Waterloo, P.Q.	Mfr.	
" 27	"	51651	Souliere & Tremblay, Hull, P.Q.	1	10	Can. Maple Exchange, Ltd.	J. G. Whyte & Sons, Ottawa	Small's Maple Sugar.
" 28	"	51652	R. E. Powell, Wellington St., Ottawa.	1	20	M. F. Goddard, Waterloo, P.Q.	Mfr.	
" 28	"	51653	Gloucester Trading Co., Rideau St., Ottawa.	1	17	A. W. Westover, Sutton Jet., P.Q.	"	Pure Maple Sugar.
" 31	"	51654	Crabtree & Trawbridge, Elgin St., Ottawa.	3	30	W. F. Goddard, Waterloo, P.Q.		Vendors supplied the maple syrup to Goddard and he manufactured into sugar.
" 31	"	51655	D. A. Younghus-band, Elgin St., Ottawa.	3	30	Maple Tree Producers Asso'n, Montreal.	J. G. Whyte & Sons, Ottawa	Pride of Canada — Pure Maple Sugar
1913.								
Jan. 2	"	51656	G. W. Langdon, Elgin St., Ottawa.	1	10	Unknown.	C. E. Plain, Ottawa.	

DISTRICT OF TORONTO—

1912.								
Dec. 94	Maple Sugar.	51501	J. Munholland, Young St., Toronto.	455 lb.	20		Maples Ltd., Toronto.	
" 24	"	51502	Kennedy Bros., 978 Queen St., E., Toronto.	1	20		"	
" 26	"	51503	Roy Cook, Dundas St., W., Toronto.	1914 lb.	20			
" 24	"	51504	E. S. Clark, Dundas St., W., Toronto.	2010 lb.	16		McWilliams & Everst, Toronto.	

MAPLE SUGAR.

Results of Analysis.										Remarks and Opinion of the Chief Analyst.
Calculated to Water Free Basis.										
Water.	Solids.	Lead Number, Canadian.	Total Ash.	Water Sol- uble Ash.	Insoluble Ash.	Water Sol. Ash.		Malic Acid Value.	No. of Sample.	
						Insol. Ash.				

J. A. RICKEY, INSPECTOR.

p.c.	p.c.	p.c.	p.c.	p.c.	p.c.	p.c.	p.c.			
0.54	99.46	0.06	0.13	0.09	0.04	2.28	0.25	51647	Adulterated. Furnisher claims to sell as M.S. cakes; not as maple sugar.	
4.92	95.08	0.06	0.10	0.07	0.03	2.38	0.06	51648	Adulterated.	
4.70	95.30	4.03						51649	Genuine.	
2.20	97.80	2.25						51650	"	
0.70	99.30	1.91						51651	Nearly meets standard. Doubtful.	
4.50	95.50	2.97						51652	Genuine.	
2.60	97.40	2.50						51653	"	
3.86	96.14	3.41						51654	"	
0.52	99.48	5.37						51655	"	
2.70	97.30	1.44	0.37	0.23	0.14	1.64	0.06	51656	Adulterated.	

H. J. DAGER, INSPECTOR.

1.24	98.76	0.02	0.14	0.05	0.09	0.55	0.04	51501	Adulterated.	
3.12	96.88	1.24	0.93	0.79	0.14	5.64	0.18	51502	"	
2.60	97.40	1.08	0.29	0.17	0.12	1.41	0.05	51503	"	
0.50	99.50	2.11						51504	Meets standard.	

BULLETIN No. 258—

Date of Collection.	Nature of Sample.	No. of Sample.	Name and Address of Vendor.	Cost.		Name and Address of Manufacturer or Furnisher, as given by the Vendor.		Inspector's Report. (Is not an expression of Opinion).
				Quantity.	Cents.	Manufacturer.	Furnisher.	

DISTRICT OF TORONTO—

1912.								
Dec. 27	Maple Sugar.	51506	F. F. Farewell, 489 Parliament St., Toronto.	1 lb	20	.....	Unknown	.....
" 28	"	51507	Robt. Bell, 4737 Young St., Toronto.	1 "	20	.....	Davidson & Hay, Ltd., Toronto.	.....
" 28	"	51508	R. Mathews, 509 Young St., Toronto.	1 "	20	.....	Unknown	.....
1913.								
Jan. 2	"	51509	H. W. Scott, 266 Spadina Ave., Toronto.	1 "	20	Maples Ltd., Toronto.	Jno. Sloan & Co., Toronto	.....
" 3	"	51510	H. Coxwell, 17 Howard St., Toronto.	1 "	20	.....	Clewes Bros., Toronto	Sample from Box labeled pure Maple Cream Sugar "Lion" Brand Maples Ltd., Toronto.
" 7	"	51585	T. J. Medland, Ltd., 118 King St., Toronto.	1 "	13	.....	G. H. Hall, Barnston, P.Q.	Sold as pure Maple Sugar

DISTRICT OF WINDSOR—

1913.								
Jan. 2	Maple Sugar.	47901	E. Gallagher, Strathroy.	1 lb.	20	Unknown	.....	.....
" 2	"	47902	J. C. Fest, Strathroy.	3 bars.	30	"	.....	.....
" 2	"	47903	Wm. Cross, Strathroy.	3 "	25	"	.....	.....
" 2	"	47905	J. Madill, Strathroy.	1 lb.	23	"	.....	.....
" 6	"	47920	Reeks & Co., St. Thomas.	3 bars.	25	.....	M. Masurett & Co., London, Ont.	.....
" 7	"	47925	M. Masurett & Co., London, Ont.	3 "	20	Canada Maple Exchange.	.....	.....
" 7	"	47926	Elliott Marr & Co., London, Ont.	3 "	22	Maples Ltd., Toronto.	.....	Maple Cream Sugar.
" 7	"	47928	A. J. Clark & Co., London, Ont.	3 "	30	Maple Tree Producers Asso., Montreal.	.....	.....

Date of Collection.	Nature of Sample.	No. of Sample.	Name and Address of Vendor.	Cost.		Name and Address Manufacturer or Furnisher as given by the Vendor.		Inspector's Report. (Is not an expression of opinion).
				Quantity.	Cents.	Manufacturer.	Furnisher.	
DISTRICT OF ROCKY MOUNTAINS -								
1913.								
Jan. 8	Maple Sugar.	49813	Choquette Bros., 1brick Nelson, B.C.	40		N. Beauregard, West Shefford Stn., P.Q.		
Feb. 6	"	49819	C. B. Hume & Co., 2cakes Revelstoke, B.C.	20		Ramsay Bros., Vanc., B.C.		
" 14	"	49820	Wilson Grocery Co., Kamloops, B.C.	2	30			
" 14	"	49821	F. Lawrie, Kamloops, B.C.	3	30			W. H. Malkin & Co., Vancouver, B.C.
DISTRICT OF VANCOUVER -								
Feb. 25	Maple Sugar.	53411	McTaggart's Grocery, Granville St., Vancouver, B.C.	3cakes	25			
DISTRICT OF VICTORIA -								
Jan. 15	Maple Sugar.	53502	Acton Bros., 1317 Douglas St., Victoria, B.C.	1 lb.	25			Gavin Bros., Vancouver B.C.

MAPLE SUGAR.

Results of Analysis.								No. of Sample.	Remarks and Opinion of the Chief Analyst.
Water.	Solids.	Lead Number, Canadian.	Calculated to Water Free Basis.						
			Total Ash.	Water Sol- uble Ash.	Insoluble Ash.	Water Sol. Ash	Malic Acid Value.		
						Insol. Ash.			

THOS. PARKER, INSPECTOR.

p. c.	p. c.		p. c.	p. c.	p. c.	p. c.	p. c.		
3.20	96.80	3.20	.....	.....	.....	.....	.....	49813	Genuine.
0.52	99.48	3.01	.....	.....	.....	.....	.....	49819	"
1.64	95.36	1.91	0.57	0.38	0.19	2.10	0.15	49820	Doubtful. Ramsay Bros. claim was sold for compound. Was invoiced as maple sugar.
0.84	99.16	3.18						59821	Genuine.

J. F. POWER, INSPECTOR.

2.50	97.50	1.26	0.47	0.28	0.19	1.46	0.26	53411	Adulterated.
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D. OSULLIVAN, INSPECTOR.

2.34	97.66	0.92	0.14	0.67	0.07	1.00	0.09	53502	Adulterated.
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